



NITTTR CHENNAI

# NEWSLETTER

QUARTERLY NEWS

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OCT - DEC 2019

## From the Director's Desk



**Greetings from National Institute of Technical Teachers Training and Research, Chennai.**

I am happy to share with you that NITTTR Chennai is on a steady path of growth. Sustaining academic excellence, the Institute has taken key decisions like promotion of existing faculty and starting of new M.E. programme Infrastructure Engineering and Management.

The Curriculum Workshop for M.Tech. Electronics and Communication Engineering is a valuable step in creating curriculum with the right synergy between the Industry and Academia to stimulate the Country's economic development.

I am pleased to see the social events such as Swachta Hi Seva, Jal Shakti Abhiyan, Vigilance Week Celebration, Rashtriya Ekta Diwas and National Education Day being organised by our Institute. These events help us in imbibing the values of ethics, integrity, unity, sustainability and service to the Nation. I am pleased to see the edition of NITTTR Chennai Newsletter coming out with a focus on coverage of various academic activities and socio-cultural aspect of the Institute. In short, NITTTR Chennai has been growing in stature and vibrance of its stakeholders to achieve new heights to dedicate itself to the cause of the Nation.

Best Wishes!

Prof. Dr. Sudhindra Nath Panda

Director, NITTTR, Chennai

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**NITTTR IN PRINT MEDIA**



**THE HINDU**

CHENNAI, OCTOBER 01, 2019 00:27 IST  
 UPDATED: OCTOBER 01, 2019 00:27 IST

Union Minister for Human Resource Development Ramesh Pokhriyal Nishank on Monday appealed to the teaching fraternity to keep themselves updated on the latest developments in their respective areas of interest.

Addressing the staff, students and research scholars at National Institute of Technical Teachers Training and Research (NITTTR) here, he said that teachers should be able to impart knowledge to their students on the latest research developments happening throughout the world instead of sticking only to the outdated text books.

He said the Central government was planning to train 42 lakh teachers through online courses offered under the Annual Refresher Programme in Teaching (ARPIT). Highlighting the 'Fit India', he said that all the teaching faculty must be fit so that they can ask their students to be fit.

**Training modules**

Speaking to *The Hindu*, Sudhindra Nath Panda, director, NITTTR, highlighted the role played by the institution in designing training modules for the mandatory training programme to be introduced for all the engineering faculty by the All India Council for Technical Education (AICTE).

As per this programme, all new faculty joining engineering colleges must undergo a semester-long training programme during their probation period. For those already employed, the training will be a prerequisite for promotions.

"Of the eight modules included in the training programme, the online courses for three have been prepared by NITTTR, Chennai, We are just waiting for it to be uploaded to the SWAYAM portal for online learning," he said. V.S.S. Kumar, chairman, Board of Governors, also spoke at the function.

The Hindu publication dated 1st October 2019, titled – "Teachers should keep pace with latest developments: HRD Minister", Union Minister for Education – Honourable Dr. Ramesh Pokhriyal "Nishank" appealed to the teaching fraternity to keep oneself updated in the domain area. The Honourable Minister said the Central Government plans to train 42 lakh teachers through online courses.

The newspaper article mentioned the NITTTR Chennai Director, Prof. Dr. Sudhindra Nath Panda's message of the AICTE's mandatory training modules for engineering teachers. The print media article mentioned the Chairman, BoG, NITTTR Chennai, Prof. Dr. V.S.S. Kumar message on the status of SWAYAM modules development.

**INTERNATIONAL PROGRAMMES**



A two-week international training programme was organized for the Senior Academicians (Deans, Directors, and VCs) and Personnel of Afghanistan Education Ministry between 25th November to 6th December 2019. The title of this programme was "Leadership for Academicians of Higher Educational Institutions" was coordinated by Prof. E.S.M. Suresh. The Chief Guest for the inaugural function of this event was Padmashri Dr. M. Ananthkrishnan, Former VC, Anna University, Chennai and Former Chairman, BoG, IIT Kanpur. The Guest of Honor was Prof. Dr. James Alvis, University of Huddersfield, UK.

## OVERSEAS TRAINING COURSE PROGRAMMES

NITTTR Chennai started its international training programmes in 1982. The Institute's international training programme enables multinational institutions to build up their human capital.



The Department of Civil and Environmental Engineering coordinated the Overseas Training Course (OTC) on "Transforming Educational Ecosystem Through Blended Approach" from 02-12-2019 to 13-12-2019. Dr. G. Janardhanan was the coordinator for this two-week training programme, well supported by faculty members of the Institute.

## CURRICULUM FRAMEWORK WORKSHOP

The Curriculum Framework Workshop for M.Tech. Electronics and Communication Engineering (Industry Integrated) was organized by the Department of Electrical, Electronics and Communication Engineering, NITTTR Chennai on November 6, 2019, at the Seminar Hall of the Dr. APJ. Abdul Kalam Academic Complex, NITTTR Chennai.



Prof. Dr. G. Kulanthaivel facilitated the workshop and the group discussion was graced by the presence of Prof. Sudhindra Nath Panda, Director – NITTTR Chennai. The objective of this workshop is to facilitate the curriculum development that is more relevant to overcome the current challenges faced by the industry, keeping in mind the needs of the society. The support rendered by the department faculty members, namely, Dr. G.A. Rathy and Dr. P. Sivasankar were appreciated.

## AICTE - NITTT MEETING AT NITTTR CHENNAI



The AICTE - NITTT meeting was held at the Institute on 15th December, 2019. The Chairman of AICTE-NITTT, Prof. H.P. Khincha led the discussion on improving the quality of technical teachers. Col. B. Venkat, Director of Faculty Development Cell, AICTE was one of the dignitaries along with the other four Directors of NITTTRs who insisted on enhancing the teacher competencies.

## THREE-DAY WORKSHOP "WRITING PEER-REVIEWED JOURNAL PAPER"



The University of Huddersfield, UK and NITTTR Chennai, jointly conducted a three-day workshop on "Writing Peer-Reviewed Journal Paper" between 25-27 November 2019. Prof. James Avis, University of Huddersfield, was the resource person. Around 32 faculty members and research scholars participated in this workshop and got benefitted by improving their research skills.

**LIFE SKILLS**



Faculty Development Program on “Life Skills” was designed in tune with the core cross sectional areas of life skills identified by WHO. The FDP was conducted at SSM Polytechnic College Tirur from 2/12/2019 to 6/12/2019 with 14 participants. Dr. Sobha Cyrus from NITTTR, Extension Centre, Kerala, coordinated the programme along with Dr. Habeeb Rahiman and Mr. P. Subair.

The session on Goal Setting and Time Management was conducted in an open auditorium in a nearby park, which proved to be a new learning experience to the participants. The participants were benefitted and motivated by the various activities in the sessions. Shri. Abdul Nazzar Kaipanchery, Principal, SSM Polytechnic College distributed the certificates during the valedictory function.



**INAUGURATION OF INFRASTRUCTURE DEVELOPMENT ENGINEERS ASSOCIATION**

The M.E. students of the department of Civil and Environmental Engineering initiated the formation of “Infrastructure Development Engineers Association” for variety of purposes like improving the scope of talent expression, sharing of knowledge with other learning communities, and engagement of industry partnerships in various projects. The inaugural function was presided by the Director NITTTR Chennai, Prof. Dr. Sudhindra Nath Panda. The department faculty members, namely, Dr. G. Janardhanan, and Dr. K.S.A. Dinesh Kumar, under the leadership of Prof. Dr. E.S.M. Suresh, motivated the students to confidently organize the event.



**FACULTY DEVELOPMENT PROGRAMME (FDP) OFFERED BY NITTTR CHENNAI FROM OCT - DEC 2019**

S. No.	Prog. Code	Title	Duration	Venue	Name of the Coordinator
1	FDP-149	Life Skills & Student Psychology	14.10.2019 to 18.10.2019	ECK	Dr. R. Rajendran
2	FDP-151	E- Library	21.10.2019 to 25.10.2019	NITTTR, Chennai	Dr. R. Ravichandran
3	FDP-154	Student Psychology	21.10.2019 to 25.10.2019	NITTTR, Chennai	Dr. S. Renukadevi
4	FDP-157	NBA Process	22.10.2019 to 24.10.2019	NITTTR, Chennai	Dr. R. Santhakumar
5	FDP-158	OBE & NBA accreditation	21.10.2019 to 25.10.2019	ECH	Dr. U. S. Sahu
6	FDP-159	Communicative Language Teaching including ELT techniques	21.10.2019 to 01.11.2019	ECV	Dr. C. R. Nagendra Rao
7	FDP-162	Outcome-Based Education	29.10.2019 to 02.11.2019	NITTTR, Chennai	Dr. K. S. Giridharan
8	FDP-19	Outcome-Based Education	28.10.2019 to 01.11.2019	ECK	Dr. Sobha Cyrus
9	FDP-21	NBA Accreditation Process	04.11.2019 to 06.11.2019	NITTTR, Chennai	Dr. E. S. M. Suresh
10	FDP-166	Preliminary workshop for revision of curriculum for EC, EE, EI & allied branches	11.11.2019 to 16.11.2019	ECV	Dr. C. R. Nagendra Rao
11	FDP-167	Refresher course on Electrical, Electronics and Communication Engineering	18.11.2019 to 23.11.2019	NITTTR, Chennai	Dr. G. A. Rathy & Dr. P. Sivasankar
12	FDP-170	Preliminary workshop for revision of curriculum for CME, CCP, Chem. Engg & allied branches	18.11.2019 to 23.11.2019	ECV	Dr. C. R. Nagendra Rao
13	FDP-27	Personality Development and NLP	25.11.2019 to 29.11.2019	NITTTR, Chennai	Dr. S. Renukadevi

ECB: Extension Centre, Bangalore | ECH: Extension Centre, Hyderabad | ECK: Extension Centre Kalamassery | ECV: Extension Centre, Vijayawada



**FACULTY DEVELOPMENT PROGRAMME (FDP) OFFERED BY NITTTR CHENNAI FROM OCT - DEC 2019**

S. No.	Prog. Code	Title	Duration	Venue	Name of the Coordinator
14	FDP-174	Life Skills	02.12.2019 to 06.12.2019	SSM Poly., Tirur	Dr. Sobha Cyrus
15	SP-08	OBE & Adaptive Learning	02.12.2019 to 06.12.2019	ECH	Dr. U. S. Sahu
16	FDP-144	Engineering Chemistry and Nano Materials	09.12.2019 to 20.12.2019	NITTTR, Chennai	Dr. R. Ravichandran
17	FDP-176	Computer-Aided Manufacturing and Metrology	16.12.2019 to 20.12.2019	NITTTR, Chennai	Dr. S. Somasundaram
18	FDP-177	Web Designing	16.12.2019 to 20.12.2019	NITTTR, Chennai	Dr. P. Malliga
19	FDP-178	Industrial Control using PLC, Pneumatics and LabVIEW	16.12.2019 to 20.12.2019	NITTTR, Chennai	Dr. G. A. Rathy
20	SP-11	Finalization of C-18 Curriculum and Tantalization of Old Schemes	16.12.2019 to 20.12.2019	ECH	Dr. U. S. Sahu
21	SP-12	OBE Curriculum for Specialized Program in Electronics	16.12.2019 to 20.12.2019	ECH	Dr. U. S. Sahu
22	FDP-31	Laboratory Instruction in Electrical Wiring and Maintenance	16.12.2019	NITTTR, Chennai	Dr. C. R. Nagendra Rao
23	FDP-181	Verilog Programming and Implementation in FPGA	30.12.2019 to 03.01.2020	NITTTR, Chennai	Dr. P. Sivasankar
24	FDP-184	Developing professional ethics, values, communication skills	30.12.2019 to 04.01.2020	ECK	Dr. Sobha Cyrus

ECB: Extension Centre, Bangalore | ECH: Extension Centre, Hyderabad | ECK: Extension Centre Kalamassery | ECV: Extension Centre, Vijayawada



**SWACHTA HI SEVA**

The Institute celebrated Swachta Hi Seva by organizing various competitions like elocution, poster design, and essay writing competition for trainees, staff, and students of NITTTT Chennai on October 1st, 2019. The theme of this event was the Plastic Free Campaign. The Chief Guest, in his speech, discussed the importance of sustainable development and alternatives for plastics usage. At the valediction, the Chief guest in the august presence of the Director (NITTTT Chennai) Prof. Dr. Sudhindra Nath Panda, felicitated the prize winners.



**JAL SHAKTI ABHIYAN**

As part of Swachta Hi Seva and Jal Shakti Abhiyan, the faculty and staff of NITTTT Chennai, have taken a noble initiative to clean the premises of a Government Middle School at Sholinganallur, which is located at around 10 km from the Institute. This year's campaign focused on plastic waste management and the detrimental effect of uncollected plastic waste on humans, animals, and the environment at large.

Prof. Dr. Sudhindra Nath Panda distributed the Learning kits to the deserving economically-backward, meritorious students of the school. The presence and works of the NITTTT Chennai team instilled a sense of appreciation and gratitude among the School administration, teachers, and staff. The school students were delighted to join hands with NITTTT Staff in enabling cleanliness and sanitation in their campus.



**RASHTRIYA EKTA DIWAS**



NITTTR Chennai initiated the Rashtriya Ekta Diwas by leading the Run for Unity campaign on October 31st, 2019. Two short films were screened to the august gathering of NITTTR trainees, staff, and faculty members, highlighting the Country's Integration efforts of our National Leader Sardar Vallabhai Patel. The event was an opportunity to re-affirm the Nation's inherent strength of Unity, Integrity, and Security.



**VIGILANCE AWARENESS WEEK**

The Vigilance Awareness Week was celebrated from October 28th, 2019 to November 2nd, 2019. The Chief Vigilance Officer, Prof. Dr. E.S.M. Suresh initiated the awareness week by organizing the pledge in the graceful presence of the Director – Prof. Dr. Sudhindra Nath Panda. The theme of this event was Integrity: Way of Life. This campaign affirmed the Institute's commitment to the promotion of integrity and probity in public life through citizen participation. This awareness week helped in cultivating ethical values that are essential to building a new India.





## NATIONAL EDUCATION DAY



The National Education Day was celebrated on the eve of birthday of Shri. Maulana Abul Kalam Azad, the first education minister of independent India, served from August 15<sup>th</sup>, 1947 to February 2<sup>nd</sup>, 1958. In this regard, the Director-In-Charge, Prof. Dr. E.S.M. Suresh launched the event on November 11, 2019, with a placard march, banner, and slogan rally on the importance of literacy. This commemorative event helped to recall the contributions of Shri. Maulana Abul Kalam Azad to the cause of education in India.



The Institute marked the day with a seminar, essay-writing, and elocution competition to highlight the NITTR Chennai's commitment to all aspects of education. The faculty and staff of the Institute actively participated in the competitions and won admirations along with prizes.



## COMMUNAL HARMONY WEEK AND FLAG DAY



NITTR Chennai observed the communal harmony campaign and fundraising week from 19<sup>th</sup> November to 25<sup>th</sup> November 2019 and the last working day of the week was observed as Flag Day. The objectives of this campaign were to raise donations for the destitute children affected by violence and to promote fraternity among people, maintain peace and harmony, and National Integration. The Director encouraged the Faculty and Staff of the Institute to donate for this noble cause.



## NATIONAL WORKSHOP ON “SOCIALLY RELEVANT TECHNICAL EDUCATION - EXPLORING COOPERATION ORIENTED ACTIONS”



NITTTR Chennai and IIIT Sri City, Andhra Pradesh, jointly organized a national workshop on “Socially Relevant Technical Education – Exploring Cooperation Oriented Actions” from 6th December to 7th December 2019. This pioneering workshop offers an opportunity to understand the complexities in technology - society synergy and propose a set of actionable strategies for administrators and educators of technical education.



## INSTITUTION DAY 2019



The Foundation day at NITTTR Chennai was celebrated on 14th December 2019 with enthusiasm, fun, and frolic. The faculty and staff of the Institute got together and put up great energy and passion in honoring the personalities who contributed significantly towards the Institute’s growth.



The Chief Guest, Prof. Dr. Shyam Sundar Pattnaik, Director – NITTTR Chandigarh, in his speech, appreciated the efforts of NITTTR Chennai towards technical teacher trainings. Prof. Dr. Sudhindra Nath Panda, Director - NITTTR Chennai, shared his expectations with the gathering in taking the Institute to further new heights.



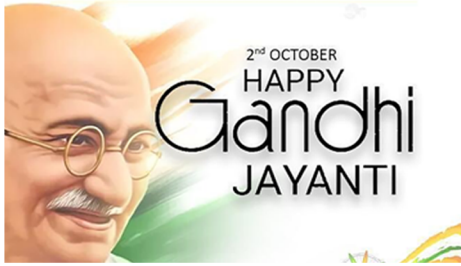
## SERENITY OF NATURE AT NITTTR CHENNAI

"In the natural surroundings of NITTTR Chennai, the mind finds peace, calmness, and tranquility for learning"

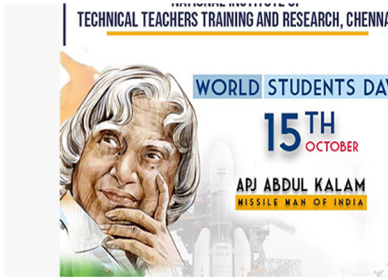


**NITTR CHENNAI ON SOCIAL MEDIA**

**NITTR CHENNAI** @nittr\_chennai · @nittr\_chennai, @EduMinOfIndia #GandhiJayanti



**NITTR CHENNAI** @nittr\_chennai · NITTR, CHENNAI wishes every student, every youth and everyone learning something new during the pandemic #WorldStudentsDay



**Ministry of Education** @EduMinOfIndia · Sep 30, 2019 Union HRD Minister, Shri @DrRPNishank, Ji participated in a discussion for up-gradation of technical teaching education at National Institute of Technical Teachers Training & Research (NITTR), Chennai. On this occasion, the foundation stone of the proposed open gym was also laid.



Dr. Ramesh Pokhriyal Nishank and 6 others

**NITTR CHENNAI** @nittr\_chennai · Oct 31, 2019 VIGILANCE AWARENESS Integrity: Way of Life Observed by NITTR faculties on 28th October 2019 to 02nd November 2019 at @nittr\_chennai



**NITTR CHENNAI** @nittr\_chennai · Nov 9, 2019 Department of Civil & Environmental Engg. Inaugurated Infrastructure Development Engineer's Association (IDEA) of M.Tech Infrastructure Engineering and Management on 08.11.2019 at @nittr\_chennai



**NITTR CHENNAI** @nittr\_chennai · Dec 18, 2019 National workshop on "socially relevant technical education: Exploring cooperation oriented actions" at NITTR Chennai, on 06-12-2019 and 07-12-2019 December 2019



**NITTR CHENNAI** @nittr\_chennai · Dec 24, 2019 Validation Function of three ITEC Courses on 13-12-2019 Curriculum design and Instructional Materials Development, Transforming Educational Ecosystem Through Blended Approach and Quality Assurance & Accreditation in Technical & Higher Education at NITTR Chennai @ITECnetwork



**NITTR CHENNAI** @nittr\_chennai · Oct 2, 2019 NITTR Chennai celebrating SWACHTA HI SEVA. Panel Discussion on how to conserve wet lands in and around Chennai



**Janardhanan G** @jgmjnsa · Oct 7, 2019 The logo depicts "Vasudhaiva Kutumbakam", with our country national musical instrument. Creating educational ecosystem with transforming music...good luck ITEC. Happy to associate with ITEC. @ITECnetwork @nittr\_chennai @cia\_nittr @IS\_ITEC



**NITTR CHENNAI** @nittr\_chennai · Nov 8, 2019 Department of Civil & Environmental Engg. NITTR Chennai inaugurates Infrastructure Development Engineer's Association (IDEA) of M.Tech Infrastructure Engineering and Management on 8.11.2019



**NITTR CHENNAI** @nittr\_chennai · Oct 31, 2019 Run for Unity : Rashtriya Ekta Diwas Celebrated on 31st October 2019 at @nittr\_chennai



**NITTR CHENNAI** @nittr\_chennai · Dec 3, 2019 Inauguration of certificate course on "transforming educational ecosystem through blended approach" @ Nittr Chennai on 3.12.2019



**NITTR CHENNAI** @nittr\_chennai · Dec 7, 2019 Sri Sri Ravishankar gurujiji with Director, NITTR, Chennai



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